

1. (Amended) A water conditioner for eliminating scale formation, comprising

a housing having an inlet, an outlet, and a chamber, having a wall, providing fluid communication between the inlet and outlet; and

a core having a surface, the core being received within the chamber, the chamber wall and core surface providing a flow path between the inlet and outlet, the core surface consisting essentially of 40-60% copper, 2-30% zinc, 10-25% nickel, 1-5% tin, 0-1.5% iron and 0-1% lead, all percentages by weight,

the core surface having the property of increasing the electrical potential of water flowing over the surface.